

9-1 Solid Figures

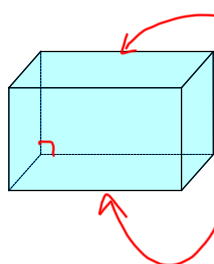
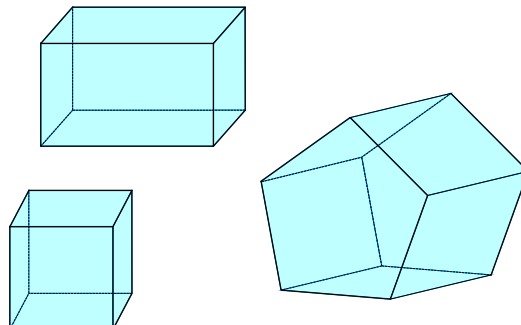
Solids, or solid figures are three dimensional shapes

Polyhedron--solid formed by polygons

Examples: prisms, pyramids, cubes

Not examples: cylinders, cones, spheres

Prisms



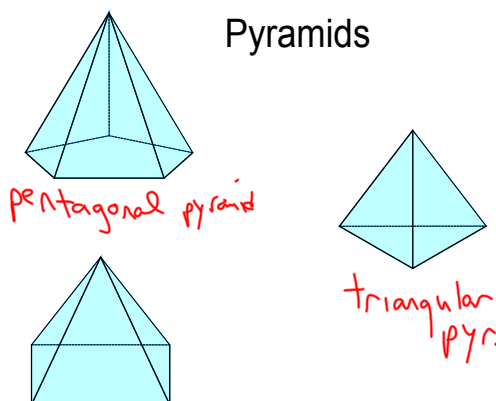
Bases--the congruent polygons in the parallel planes

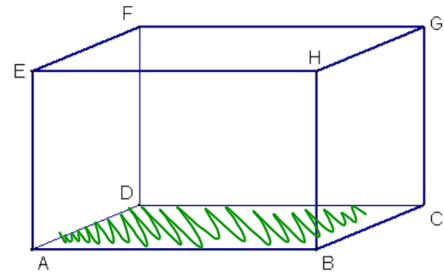
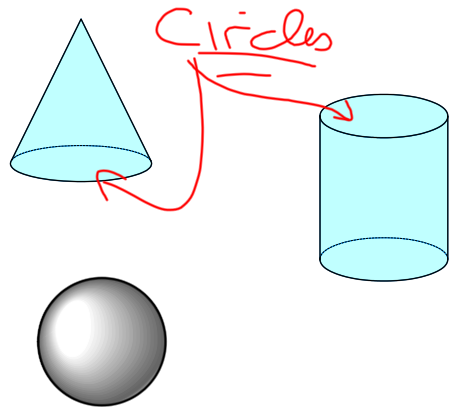
Faces--the other surfaces that are not the bases

Edges--segments that join the vertices

Right Prism (solids)--height is perpendicular to the bases

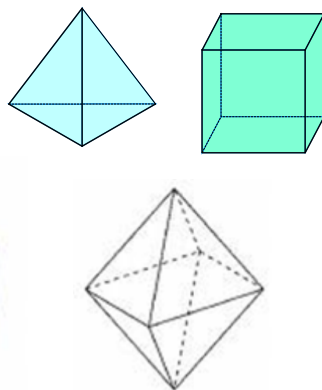
Pyramids





Platonic Solids

all the faces are congruent,
regular polygons



Assignment:

p476--478

1-12, 16-30, 33-35, 46-51

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